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Search Results -

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L17 and L8	22

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EPO Abstracts Database	
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support structure

structural component L7

long-fiber adj

Set Name Query  
side by side

Hit Count Set Name  
result set

DB=USPT,JPAB,EPAB,DWPI; PLUR=YES; OP=OR

<u>L20</u>	L17 and L8	22	<u>L20</u>
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<u>L16</u>	structural adj component	22249	<u>L16</u>
<u>L15</u>	l7 and L12	0	<u>L15</u>
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<u>L13</u>	L12 and L10	2	<u>L13</u>
<u>L12</u>	L11 and ("long-fiber")	12	<u>L12</u>
<u>L11</u>	L9 and reinforced	970	<u>L11</u>
<u>L10</u>	L9 and L8	203	<u>L10</u>
<u>L9</u>	thermoplastic adj matrix	2116	<u>L9</u>
<u>L8</u>	continuous adj fibers	7293	<u>L8</u>
<u>L7</u>	l6 and (continuous adj fibers)	4	<u>L7</u>
<u>L6</u>	L5 and ("load-bearing")	914	<u>L6</u>
<u>L5</u>	support adj structure	97527	<u>L5</u>
<u>L4</u>	769358	16	<u>L4</u>
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END OF SEARCH HISTORY

**Search Results - Record(s) 1 through 22 of 22 returned.**

☐ 1. Document ID: US 5912442 A

L20: Entry 1 of 22

File: USPT

Jun 15, 1999

US-PAT-NO: 5912442

DOCUMENT-IDENTIFIER: US 5912442 A

TITLE: Structure having low acoustically-induced vibration response

DATE-ISSUED: June 15, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Nye; Theodore W.	Palos Verdes Estates	CA		
Baker; Jeffrey L.	Huntington Beach	CA		

US-CL-CURRENT: 181/292; 181/286

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KWIC

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☐ 2. Document ID: US 5792529 A

L20: Entry 2 of 22

File: USPT

Aug 11, 1998

US-PAT-NO: 5792529

DOCUMENT-IDENTIFIER: US 5792529 A

TITLE: Reinforced plastic extrusion

DATE-ISSUED: August 11, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
May; Michael M.	Stillwater	MN		

US-CL-CURRENT: 428/36.2; 428/171, 428/172, 428/300.7, 428/74, 428/76

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KWIC

☐ 3. Document ID: US 5766724 A

L20: Entry 3 of 22

File: USPT

Jun 16, 1998

US-PAT-NO: 5766724

DOCUMENT-IDENTIFIER: US 5766724 A

TITLE: Thermoplastic orthopedic brace and method of manufacturing same

DATE-ISSUED: June 16, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Tailor; Dilip K.	Brampton, Ontario			CAX
Lang; Mark F.	Oakville, Ontario			CAX
Hruska; Paul S.	Mount Forest, Ontario			CAX
McConnell; Kevin J.	Stoney Creek, Ontario			CAX
Lucek; Beverly	Hamilton, Ontario			CAX

US-CL-CURRENT: 428/110; 156/213, 156/222, 156/245, 156/307.7, 264/230, 264/236, 264/258, 264/279.1, 264/342R, 264/347, 428/111, 428/298.1, 428/301.4, 428/542.8

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMIC
Draw Desc	Image									

☐ 4. Document ID: US 5744228 A

L20: Entry 4 of 22

File: USPT

Apr 28, 1998

US-PAT-NO: 5744228

DOCUMENT-IDENTIFIER: US 5744228 A

TITLE: Use of synthetic fibers in a glueline to increase resistance to sag in wood and wood composite structures

DATE-ISSUED: April 28, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Tingley; Daniel A.	Corvallis	OR	97333	

US-CL-CURRENT: 428/292.4; 428/295.1, 428/295.4, 428/299.1, 428/299.4, 428/299.7, 428/301.4, 428/537.1, 52/729.4, 52/730.7

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMIC
Draw Desc	Image									

☐ 5. Document ID: US 5624386 A

L20: Entry 5 of 22

File: USPT

Apr 29, 1997

US-PAT-NO: 5624386

DOCUMENT-IDENTIFIER: US 5624386 A

TITLE: Thermoplastic orthopedic brace and method of manufacturing same

DATE-ISSUED: April 29, 1997

INVENTOR-INFORMATION:

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NAME	CITY	STATE	ZIP CODE	COUNTRY
Tailor; Dilip K.	Brampton			CAX
Lang; Mark F.	Oakville			CAX
Hruska; Paul S.	Mississauga			CAX
McConnell; Kevin J.	Hamilton			CAX
Lucek; Beverly	Hamilton			CAX

US-CL-CURRENT: 602/16; 428/110, 602/26, 602/5, 602/6

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KVMC
Draw Desc	Image									

☐ 6. Document ID: US 5439632 A

L20: Entry 6 of 22

File: USPT

Aug 8, 1995

US-PAT-NO: 5439632

DOCUMENT-IDENTIFIER: US 5439632 A

TITLE: Process for pretreatment of non-isotropic cylindrical products

DATE-ISSUED: August 8, 1995

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Leach; David C.	Orange	CA		
Barnes; John	Doncaster			GB2

US-CL-CURRENT: 264/313

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KVMC
Draw Desc	Image									

☐ 7. Document ID: US 5361483 A

L20: Entry 7 of 22

File: USPT

Nov 8, 1994

US-PAT-NO: 5361483

DOCUMENT-IDENTIFIER: US 5361483 A

TITLE: Composite fasteners and method for fastening structural components therewith

DATE-ISSUED: November 8, 1994

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Rainville; Gilles A.	Northridge	CA		
Israeli; Leonardo	Pacific Palisades	CA		

US-CL-CURRENT: 29/524.1; 29/525.06, 403/265, 411/504, 411/507, 411/908

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KVMC
Draw Desc	Image									

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☐ 8. Document ID: US 5283114 A

L20: Entry 8 of 22

File: USPT

Feb 1, 1994

US-PAT-NO: 5283114

DOCUMENT-IDENTIFIER: US 5283114 A

TITLE: Wholly aromatic polyester fiber-reinforced polystyrene-poly(phenylene oxide) blend

DATE-ISSUED: February 1, 1994

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Isayev; Avraam I.	Akron	OH		

US-CL-CURRENT: 442/400; 428/364, 428/480

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 9. Document ID: US 5275877 A

L20: Entry 9 of 22

File: USPT

Jan 4, 1994

US-PAT-NO: 5275877

DOCUMENT-IDENTIFIER: US 5275877 A

TITLE: Self reinforced thermoplastic composite laminate

DATE-ISSUED: January 4, 1994

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Isayev; Avraam	Akron	OH		

US-CL-CURRENT: 428/299.7; 264/108, 264/172.14, 264/172.17, 264/DIG.26, 428/300.7, 428/473.5, 428/480, 428/483, 525/425, 525/436

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 10. Document ID: US 5268223 A

L20: Entry 10 of 22

File: USPT

Dec 7, 1993

US-PAT-NO: 5268223

DOCUMENT-IDENTIFIER: US 5268223 A

TITLE: Toughened fiber-reinforced composites

DATE-ISSUED: December 7, 1993

INVENTOR-INFORMATION:

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NAME	CITY	STATE	ZIP CODE	COUNTRY
Qureshi; Shahid P.	Alpharetta	GA		
Hoffman; Richard E.	Cumming	GA		
Newman-Evans; Richard H.	Alpharetta	GA		

US-CL-CURRENT: 442/391; 428/327, 428/413, 442/417, 523/440, 524/495, 525/107

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

# ☐ 11. Document ID: US 5244719 A

L20: Entry 11 of 22

File: USPT

Sep 14, 1993

US-PAT-NO: 5244719  
DOCUMENT-IDENTIFIER: US 5244719 A

TITLE: Prepreg with improved room temperature storage stability

DATE-ISSUED: September 14, 1993

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Qureshi; Shahid P.	Alpharetta	GA		
Gardner; Hugh C.	Roswell	GA		

US-CL-CURRENT: 442/175; 428/408, 442/253, 442/391, 523/468

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

# ☐ 12. Document ID: US 5169710 A

L20: Entry 12 of 22

File: USPT

Dec 8, 1992

US-PAT-NO: 5169710  
DOCUMENT-IDENTIFIER: US 5169710 A

TITLE: Fiber-reinforced composites toughened with porous resin particles

DATE-ISSUED: December 8, 1992

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Qureshi; Shahid P.	Alpharetta	GA		
Hoffman; Richard E.	Cumming	GA		
Newman-Evans; Richard H.	Alpharetta	GA		

US-CL-CURRENT: 442/253; 428/408, 428/475\_5, 428/902, 523/457, 523/458, 528/172

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

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☐ 13. Document ID: US 5151471 A

L20: Entry 13 of 22

File: USPT

Sep 29, 1992

US-PAT-NO: 5151471

DOCUMENT-IDENTIFIER: US 5151471 A

TITLE: Epoxy matrix resin formulations with improved storage stability containing powdered diamine dispersions

DATE-ISSUED: September 29, 1992

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Qureshi; Shahid P.	Alpharetta	GA		
Gardner; Hugh C.	Roswell	GA		

US-CL-CURRENT: 525/423; 525/113, 525/396, 525/438, 525/463, 525/471, 525/526, 525/534, 525/535, 528/391, 528/407, 528/97 , 528/99

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC
Draw Desc	Image									

☐ 14. Document ID: US 5132394 A

L20: Entry 14 of 22

File: USPT

Jul 21, 1992

US-PAT-NO: 5132394

DOCUMENT-IDENTIFIER: US 5132394 A

TITLE: Fiber-reinforced composites comprising amide-imide copolymer matrix resin

DATE-ISSUED: July 21, 1992

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bockrath; Ronald E.	Oswego	IL		

US-CL-CURRENT: 528/353; 524/494, 524/495, 524/496, 528/125, 528/126, 528/229

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC
Draw Desc	Image									

☐ 15. Document ID: US 5089560 A

L20: Entry 15 of 22

File: USPT

Feb 18, 1992

US-PAT-NO: 5089560

DOCUMENT-IDENTIFIER: US 5089560 A

TITLE: Exopy resin with aromatic oligomer and rubber particles

DATE-ISSUED: February 18, 1992

INVENTOR-INFORMATION:

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NAME	CITY	STATE	ZIP CODE	COUNTRY
Gardner; Hugh C.	Somerville	NJ		
Newman-Evans; Richard H.	Somerville	NJ		

US-CL-CURRENT: 525/109; 525/113

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC
Draw Desc	Image									

☐ 16. Document ID: US 5087657 A

L20: Entry 16 of 22

File: USPT

Feb 11, 1992

US-PAT-NO: 5087657  
DOCUMENT-IDENTIFIER: US 5087657 A

TITLE: Fiber-reinforced composites toughened with resin particles

DATE-ISSUED: February 11, 1992

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Qureshi; Shahid P.	Piscataway	NJ		
Newman-Evans; Richard H.	Hillsborough	NJ		
Gardner; Hugh C.	Hillsborough	NJ		

US-CL-CURRENT: 524/508; 524/495, 524/504, 525/396, 525/68, 525/905

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC
Draw Desc	Image									

☐ 17. Document ID: US 5080547 A

L20: Entry 17 of 22

File: USPT

Jan 14, 1992

US-PAT-NO: 5080547  
DOCUMENT-IDENTIFIER: US 5080547 A

TITLE: Triaxially braided composite nut and bolt

DATE-ISSUED: January 14, 1992

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Moghe; Sharad R.	Northfield Center	OH		

US-CL-CURRENT: 411/436; 156/393, 411/424, 411/901, 411/908

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC
Draw Desc	Image									

☐ 18. Document ID: US 4977218 A

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US-PAT-NO: 4977218  
DOCUMENT-IDENTIFIER: US 4977218 A

TITLE: Carboxylated rubber particles as tougheners for fiber reinforced composites

DATE-ISSUED: December 11, 1990

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Gardner; Hugh C.	Somerville	NJ		
Newman-Evans; Richard H.	Somerville	NJ		

US-CL-CURRENT: 525/329.3; 525/329.7, 525/330.3, 525/332.8, 525/332.9, 525/333.1, 525/333.2, 525/386

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMIC
Draw Desc	Image									

☐ 19. Document ID: US 4977215 A

L20: Entry 19 of 22

File: USPT

Dec 11, 1990

US-PAT-NO: 4977215  
DOCUMENT-IDENTIFIER: US 4977215 A

TITLE: Carboxylated rubber particles as tougheners for fiber reinforced composites

DATE-ISSUED: December 11, 1990

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Gardner; Hugh C.	Somerville	NJ		
Newman-Evans; Richard H.	Somerville	NJ		

US-CL-CURRENT: 525/119; 525/122

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMIC
Draw Desc	Image									

☐ 20. Document ID: US 4894012 A

L20: Entry 20 of 22

File: USPT

Jan 16, 1990

US-PAT-NO: 4894012  
DOCUMENT-IDENTIFIER: US 4894012 A

TITLE: Passive dental appliances of fiber-reinforced composites

DATE-ISSUED: January 16, 1990

INVENTOR-INFORMATION:

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NAME CITY STATE ZIP CODE COUNTRY  
Goldberg; A. Jon West Hartford CT  
Burstone; Charles J. Farmington CT

US-CL-CURRENT: 433/215; 260/998.11, 433/167, 433/212.1, 433/222.1, 433/6, 523/115

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 21. Document ID: US 4809402 A

L20: Entry 21 of 22

File: USPT

Mar 7, 1989

US-PAT-NO: 4809402  
DOCUMENT-IDENTIFIER: US 4809402 A

TITLE: Non-metallic composite piano hinge

DATE-ISSUED: March 7, 1989

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY  
Rainville; Gilles North Ridge CA

US-CL-CURRENT: 16/372; 16/385, 16/DIG.13

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 22. Document ID: US 4687395 A

L20: Entry 22 of 22

File: USPT

Aug 18, 1987

US-PAT-NO: 4687395  
DOCUMENT-IDENTIFIER: US 4687395 A

TITLE: Composite rivet with deformable annular collar containing randomly chopped fibers

DATE-ISSUED: August 18, 1987

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY  
Berecz; Imre El Toro CA  
Hinton; Dennis L. Yorba Linda CA

US-CL-CURRENT: 411/361; 244/132, 411/363, 411/501, 411/503, 411/901

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
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